

FIG. 1

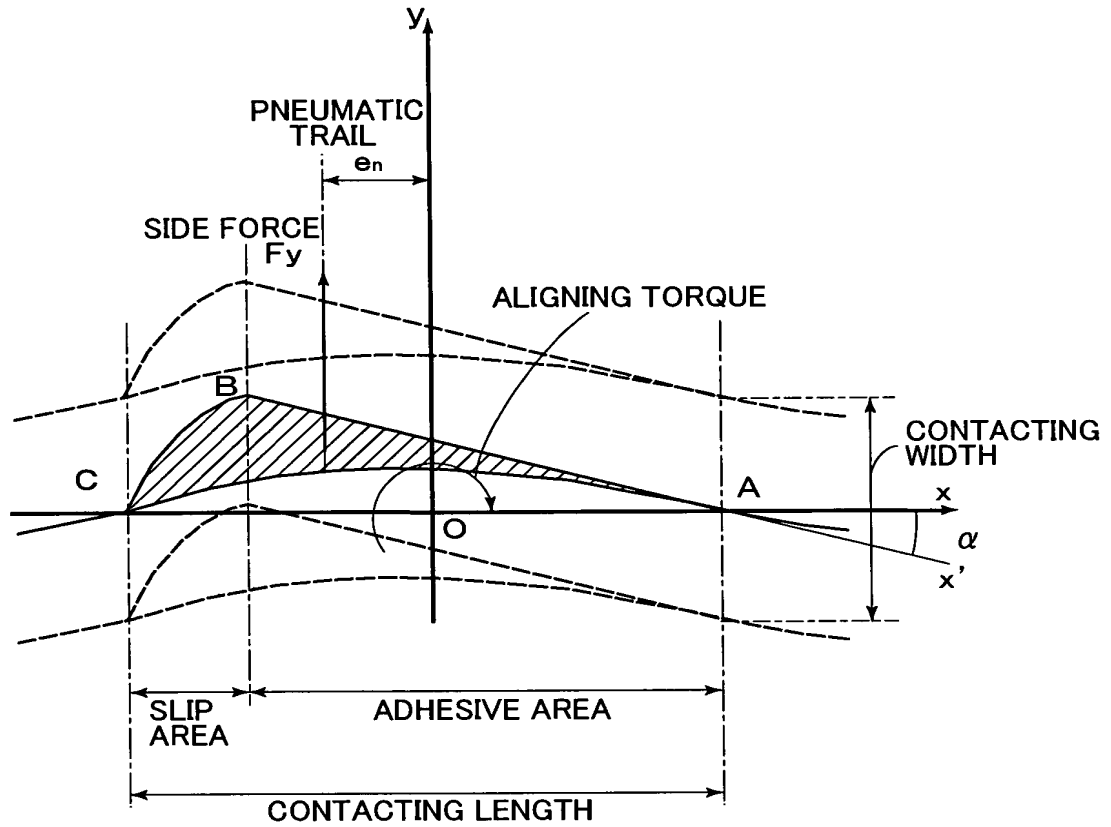


FIG. 2

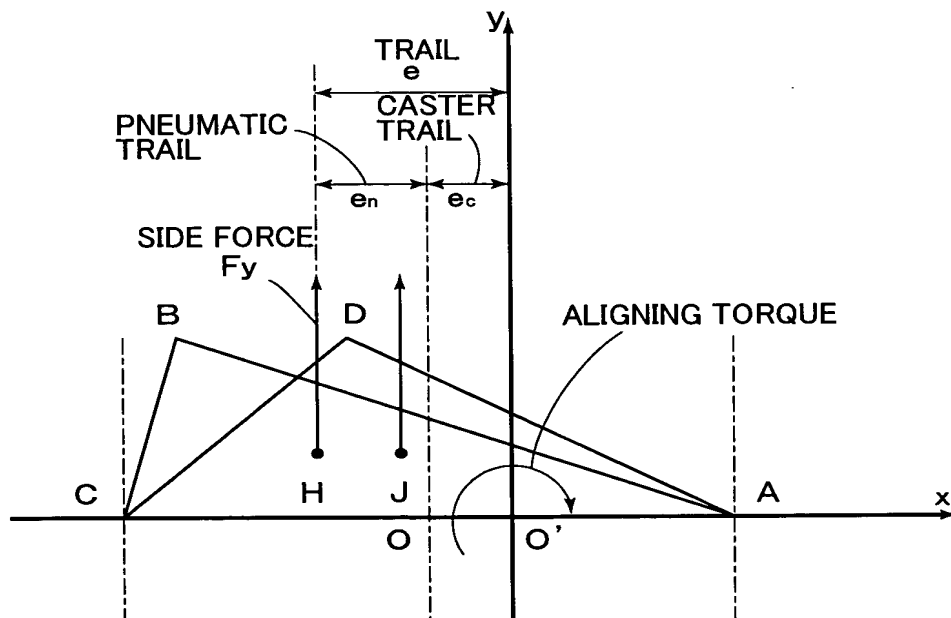


FIG. 3

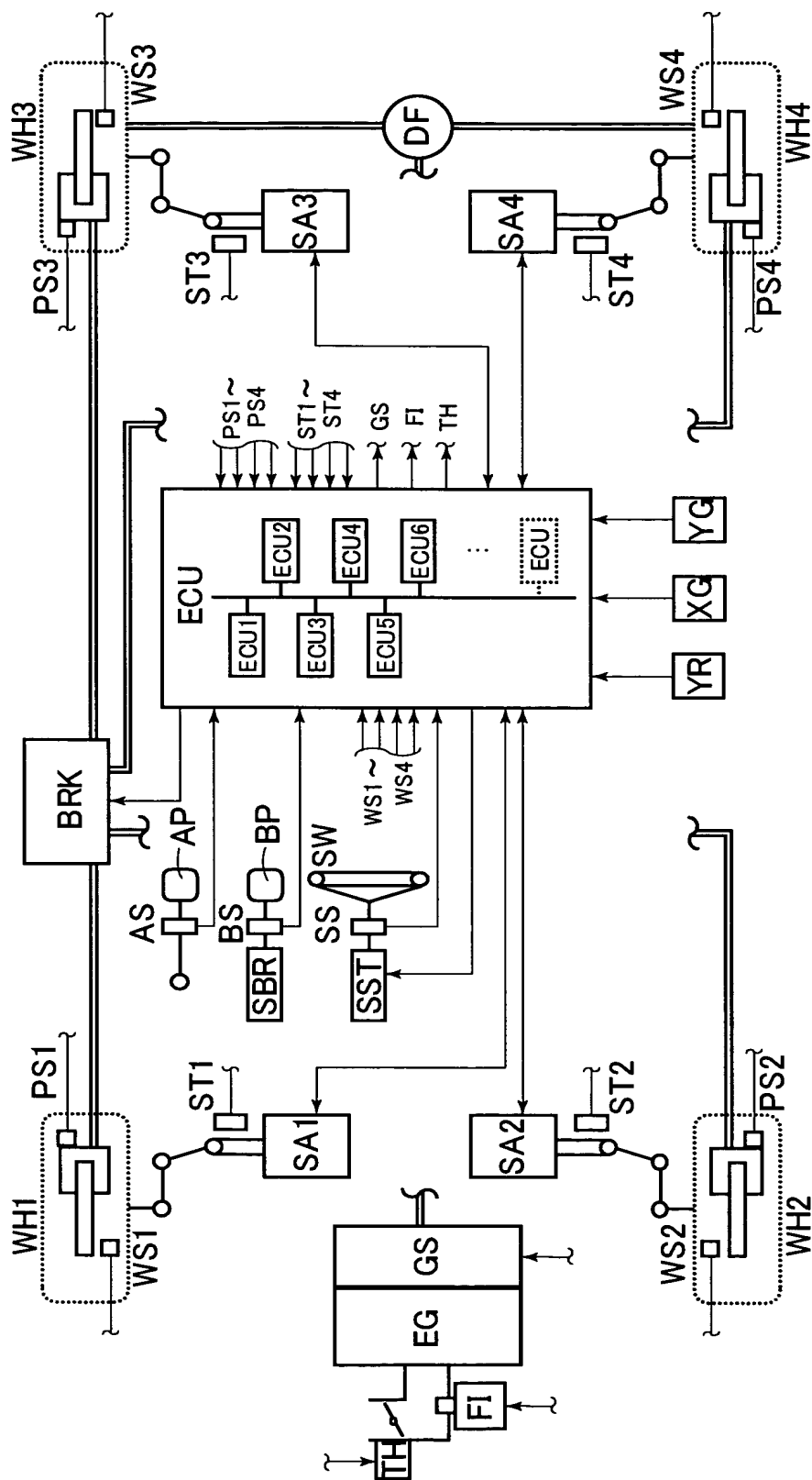


FIG. 4

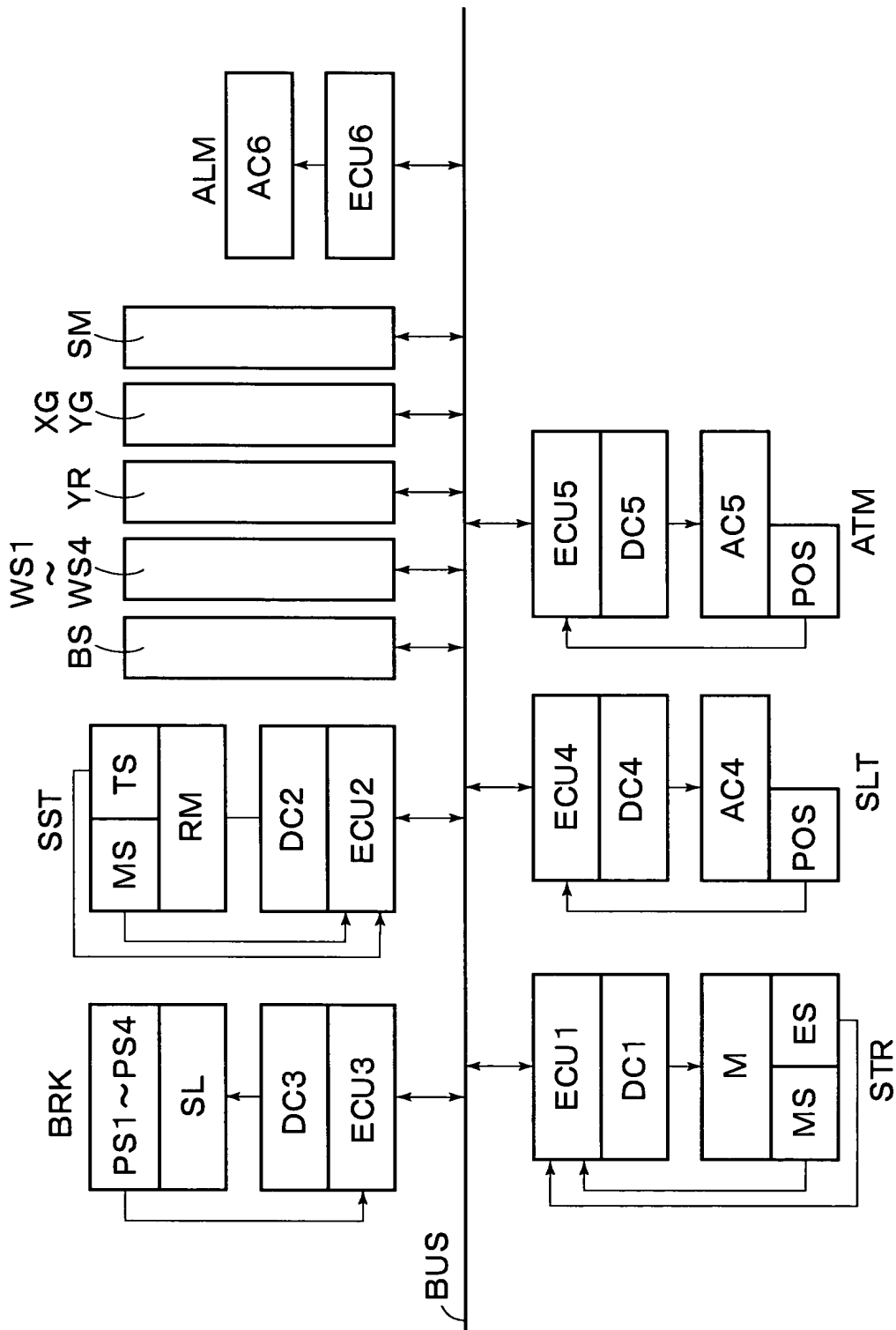


FIG. 5

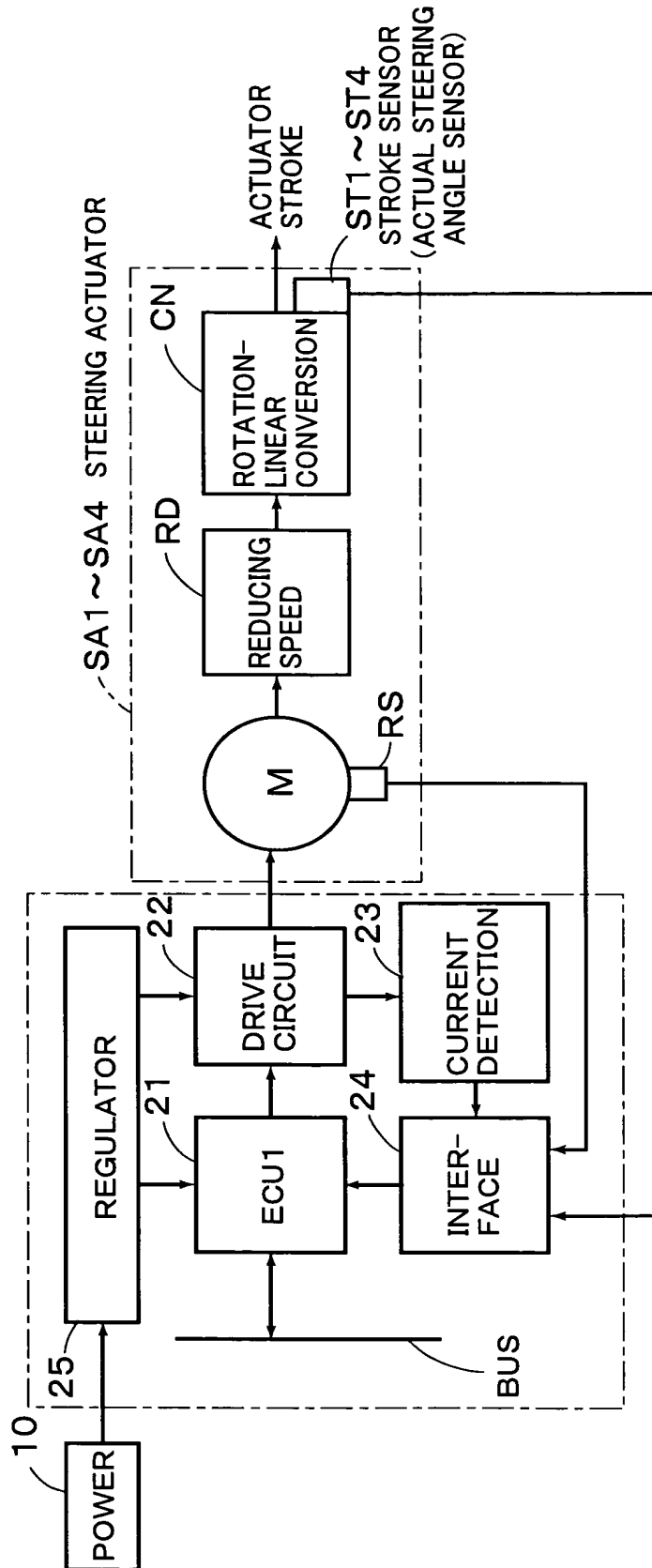


FIG. 6

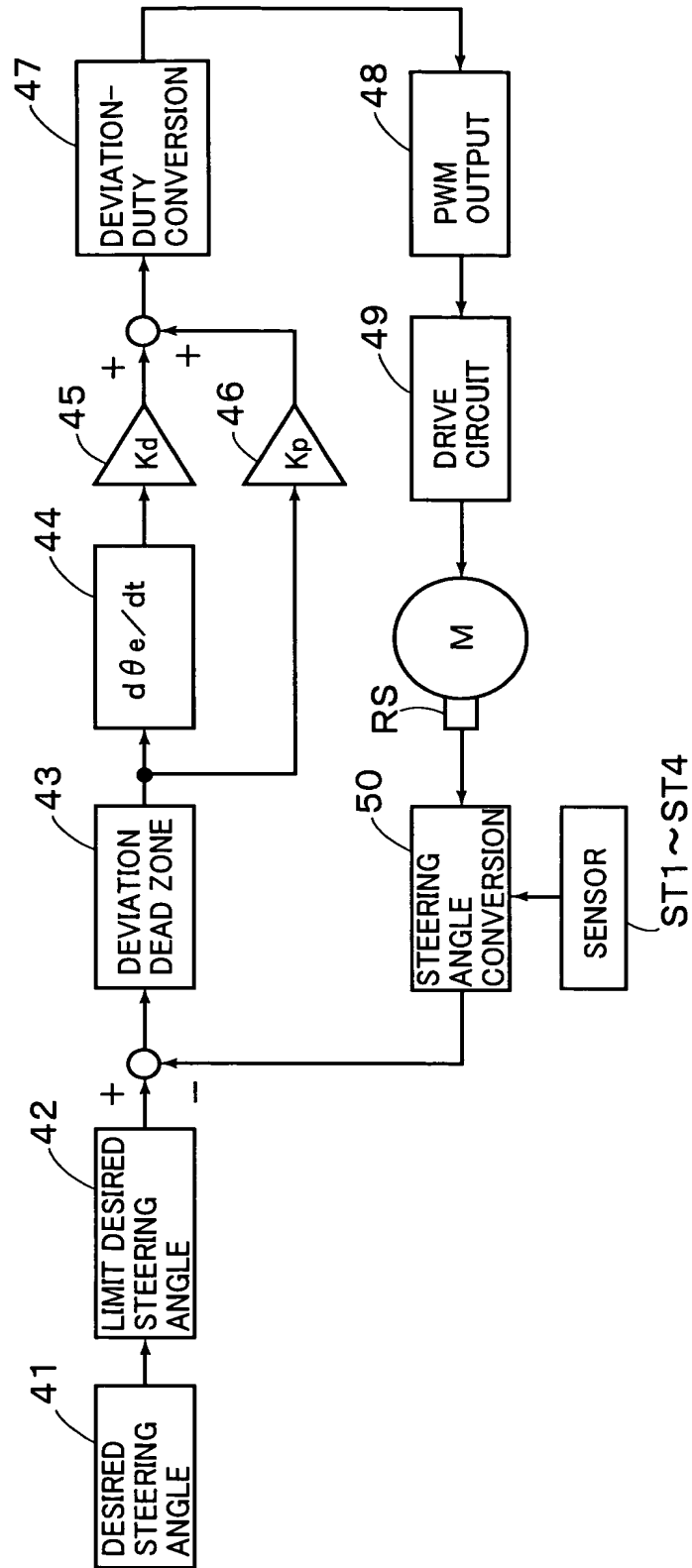


FIG. 7

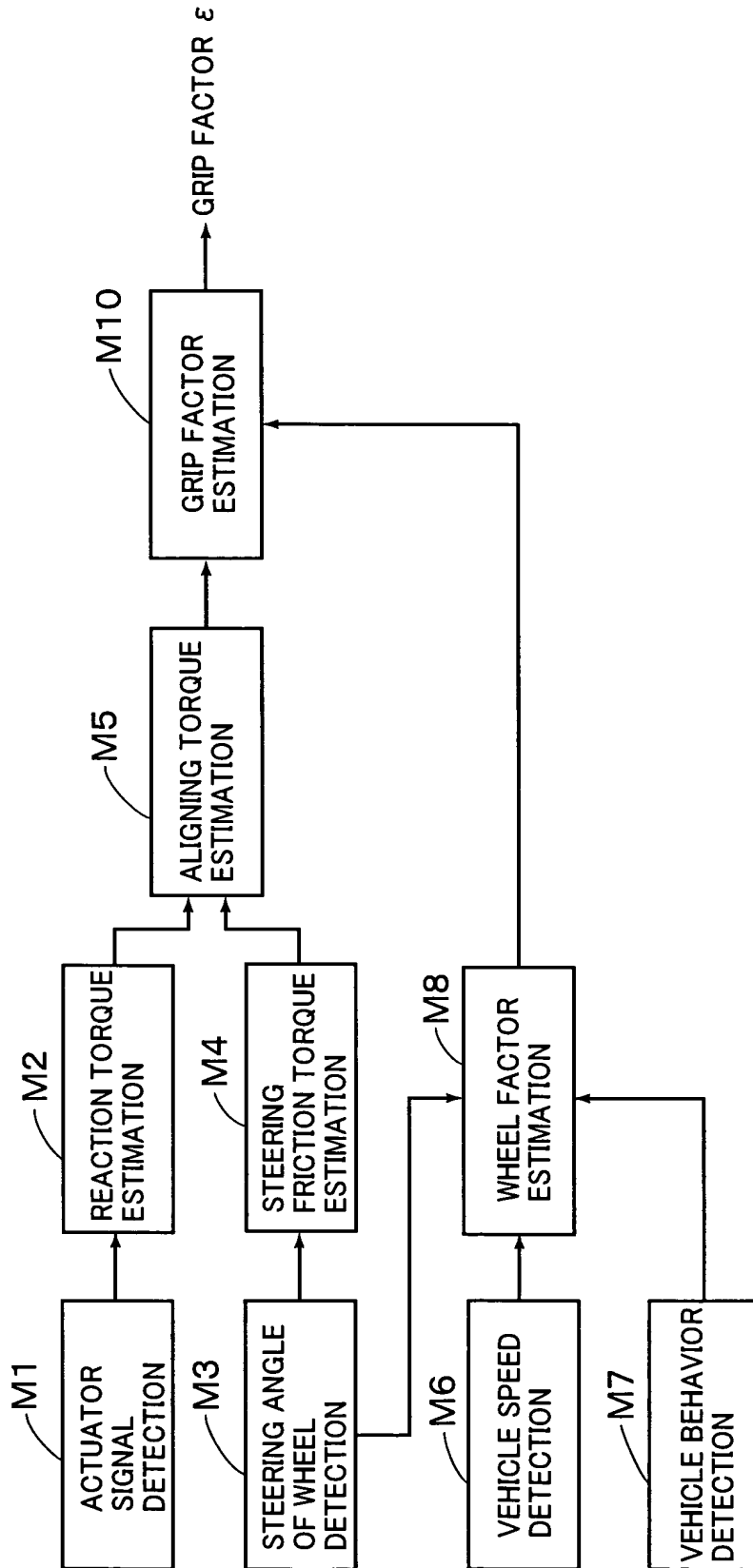


FIG. 8

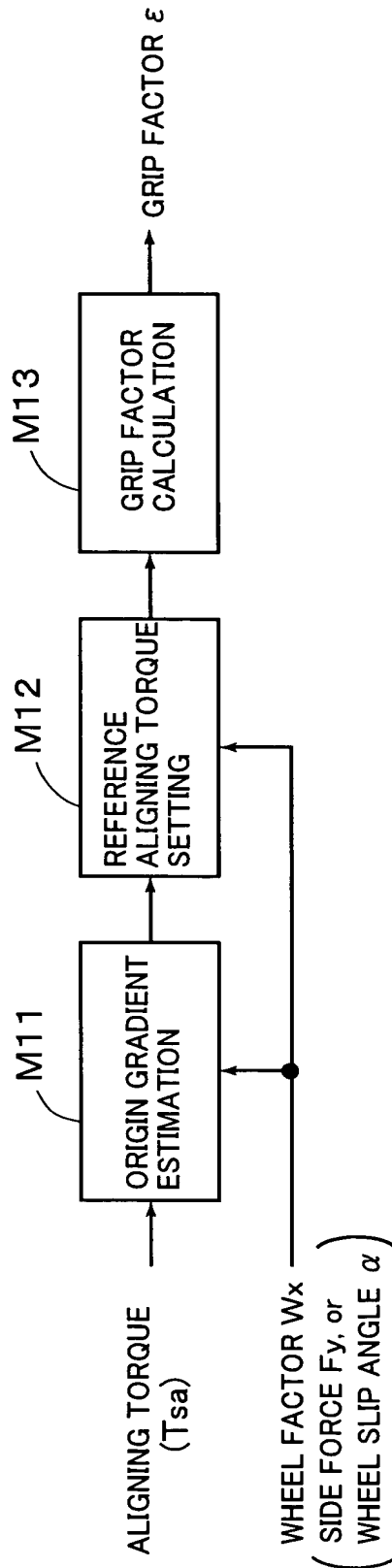


FIG. 9

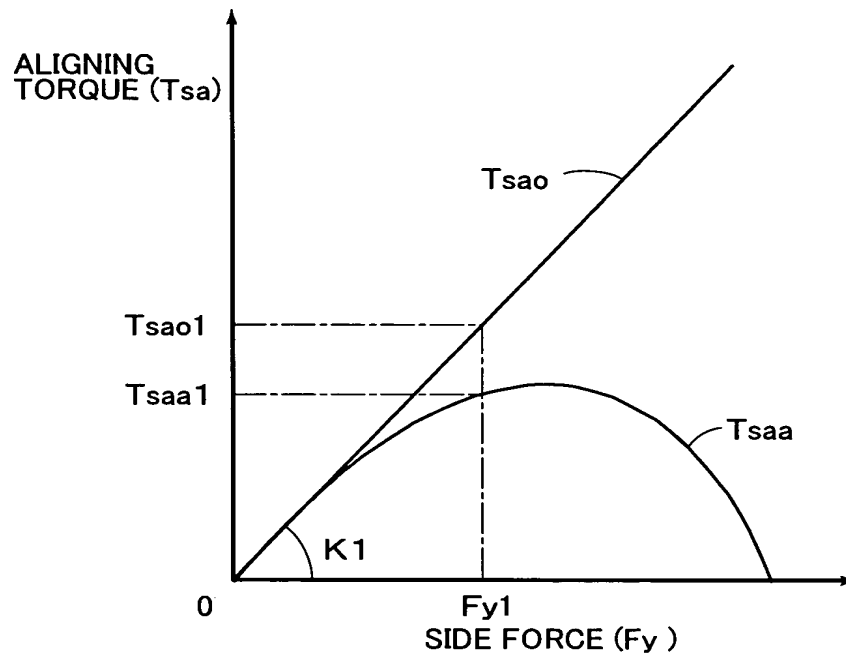


FIG. 10

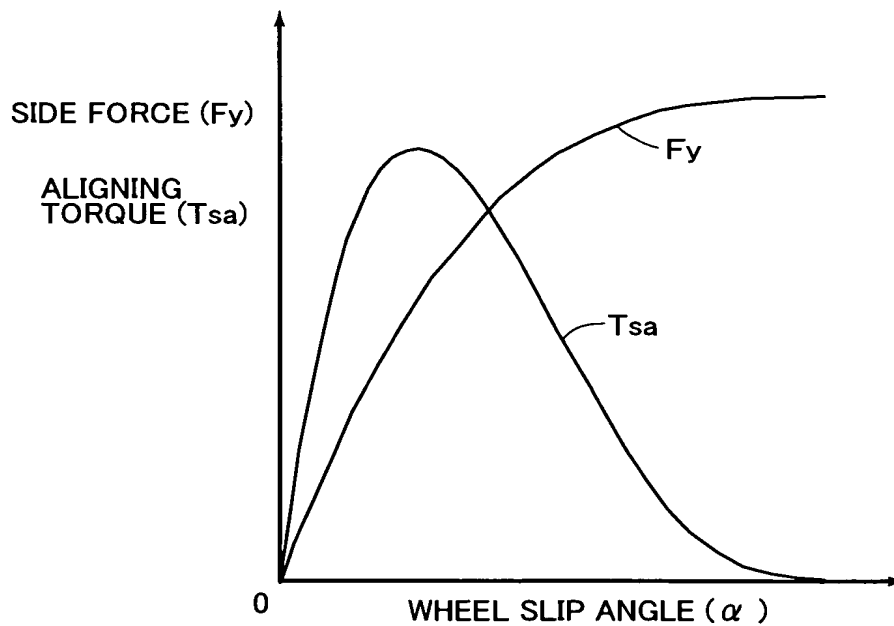




FIG. 11

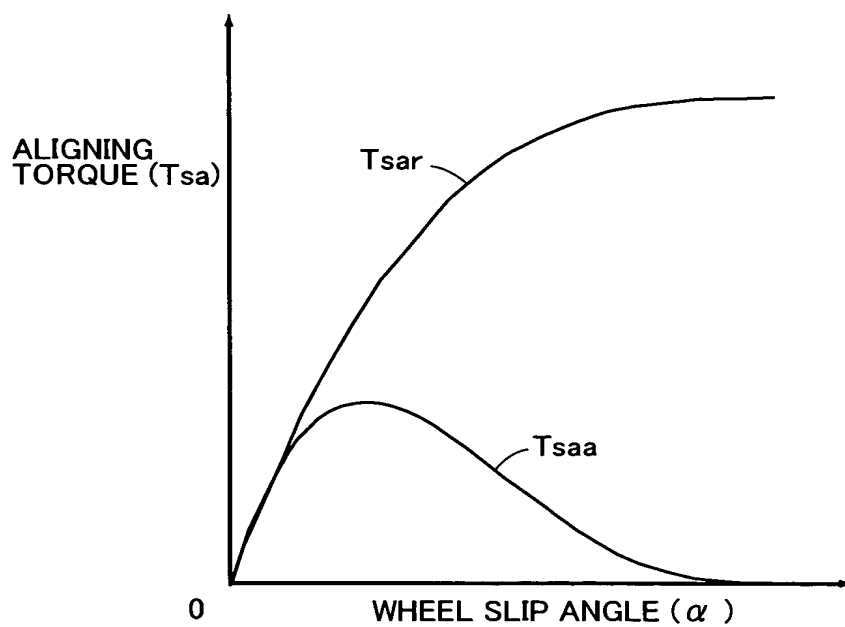


FIG. 12

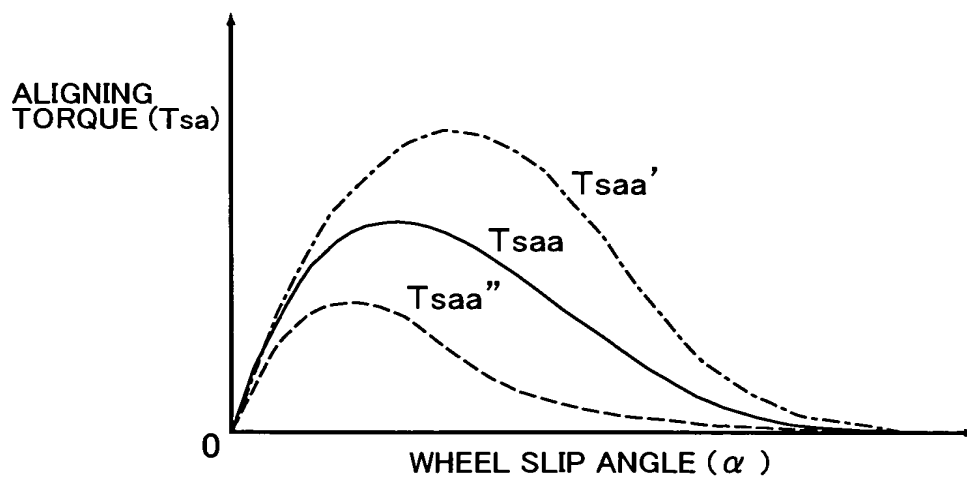


FIG. 13

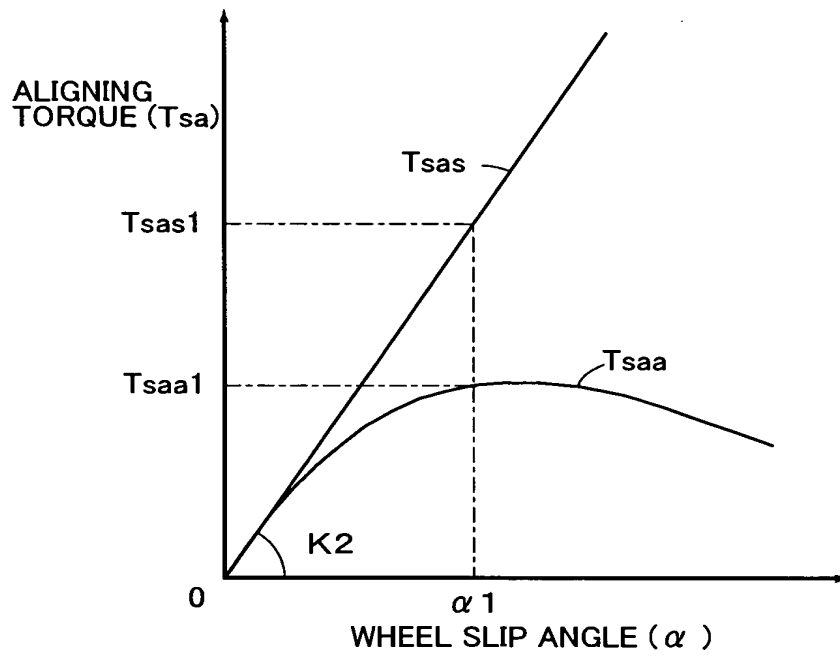


FIG. 14

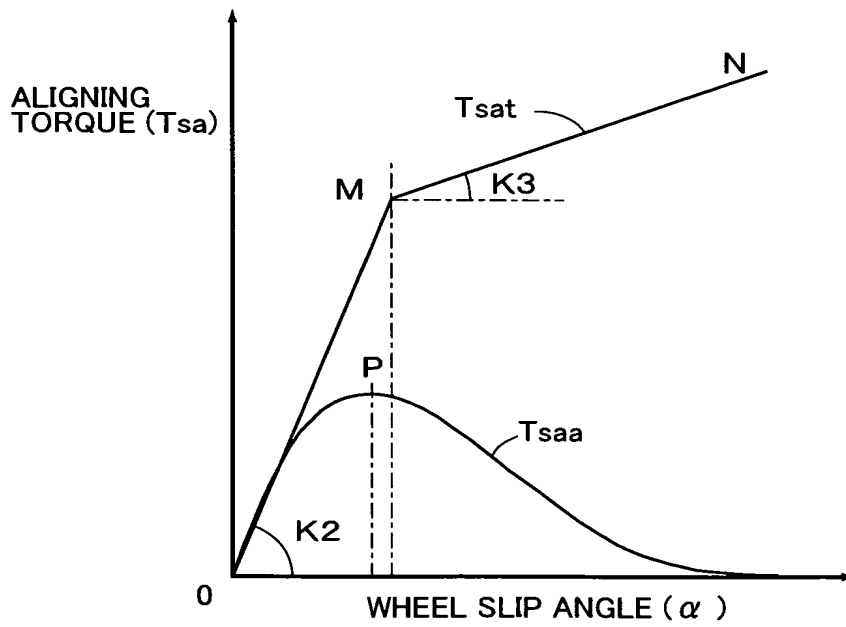


FIG. 15

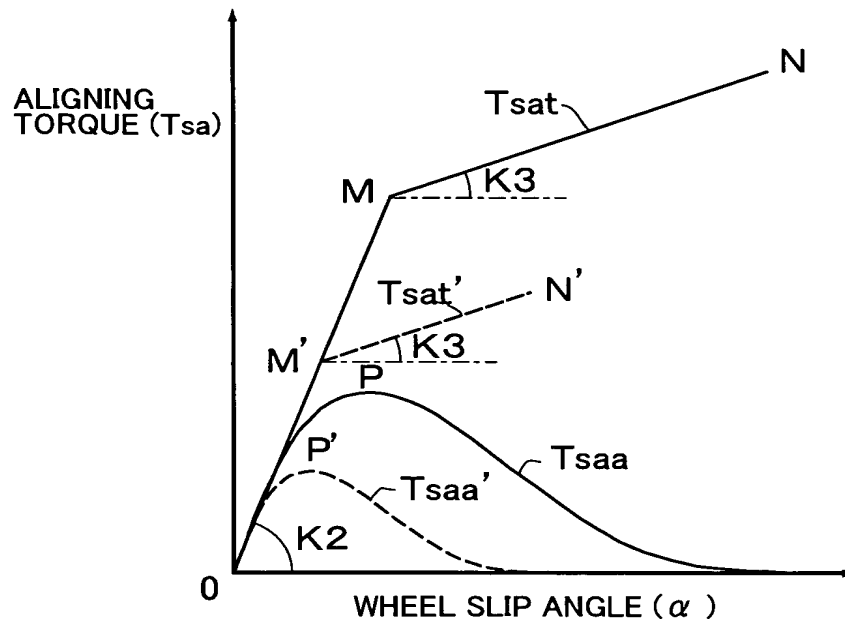


FIG. 16

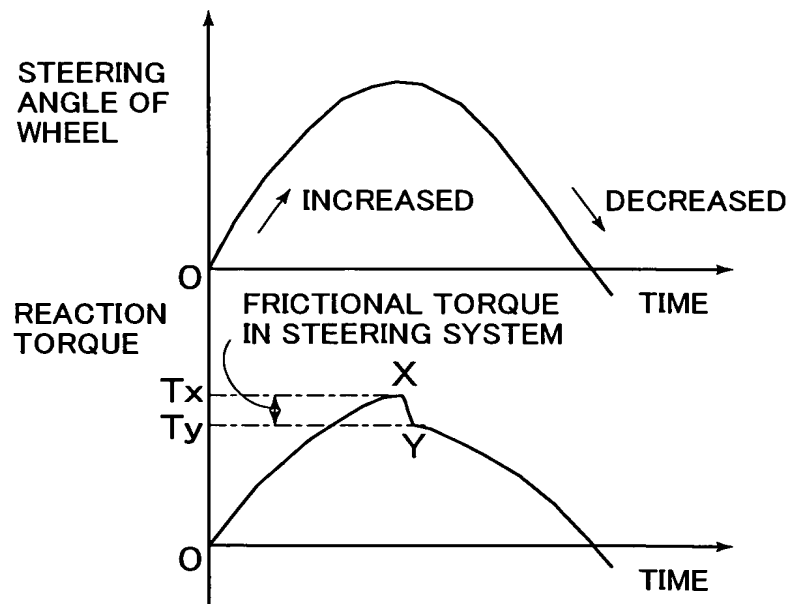


FIG. 17

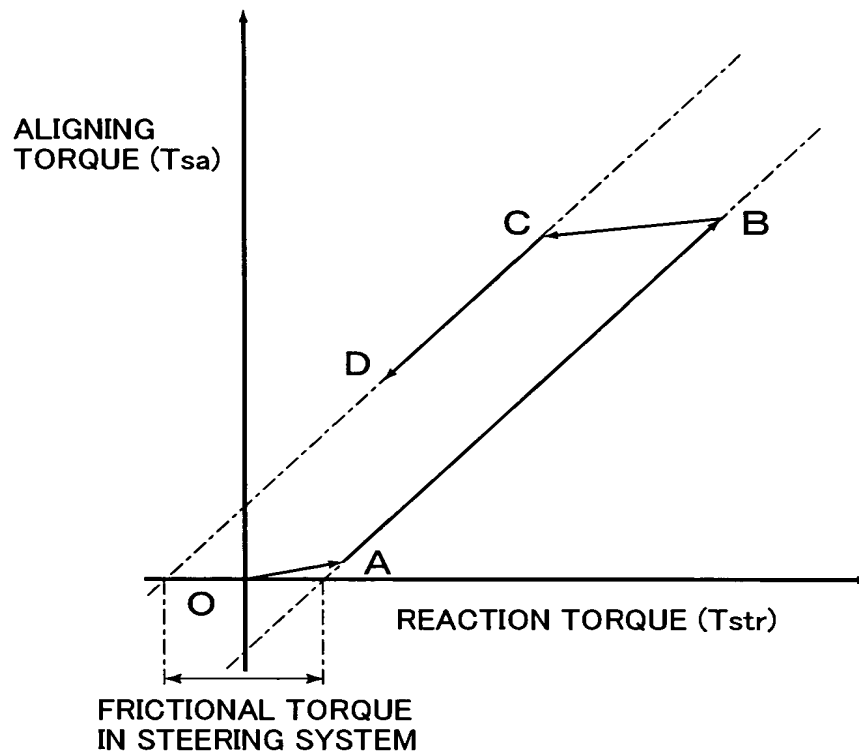


FIG. 18

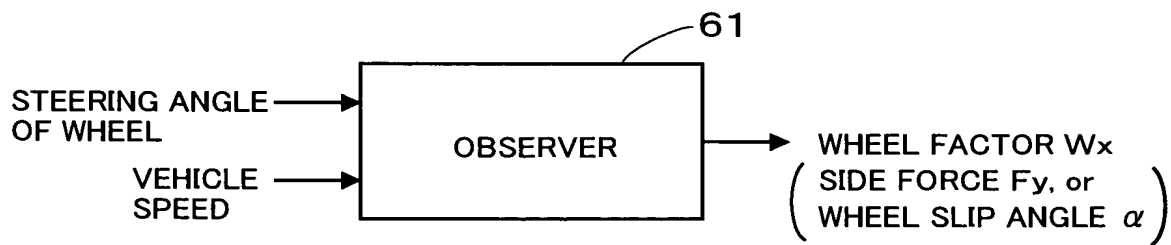


FIG. 19

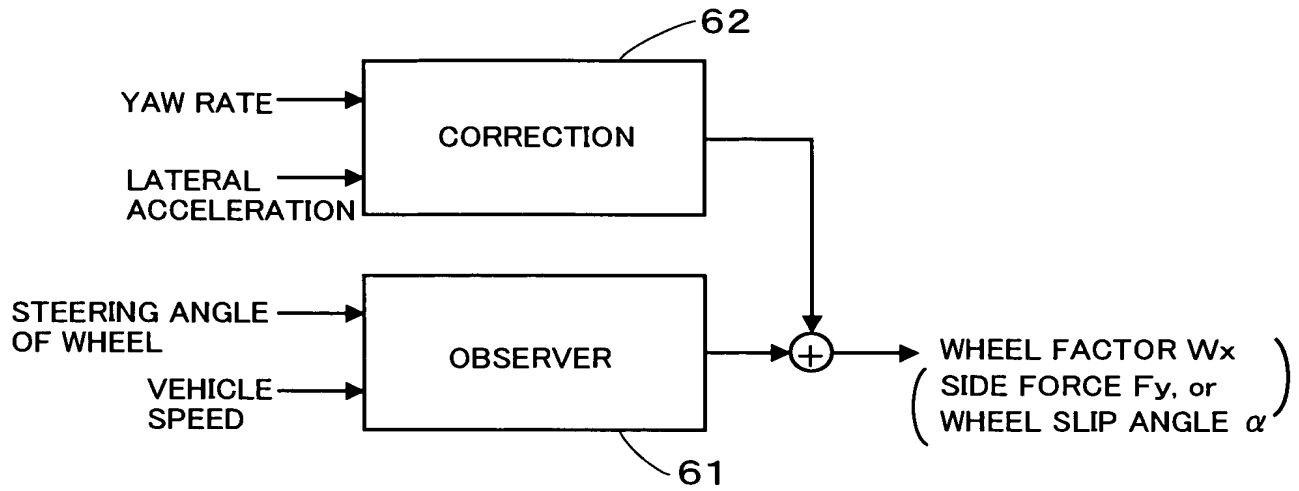


FIG. 20

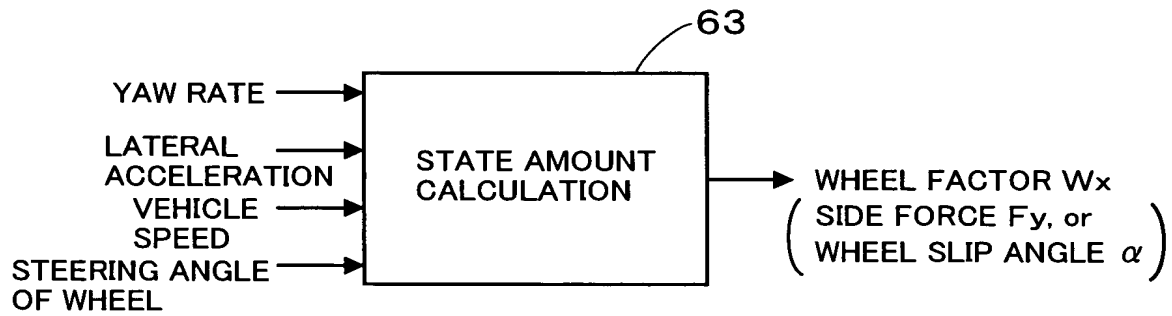


FIG. 21

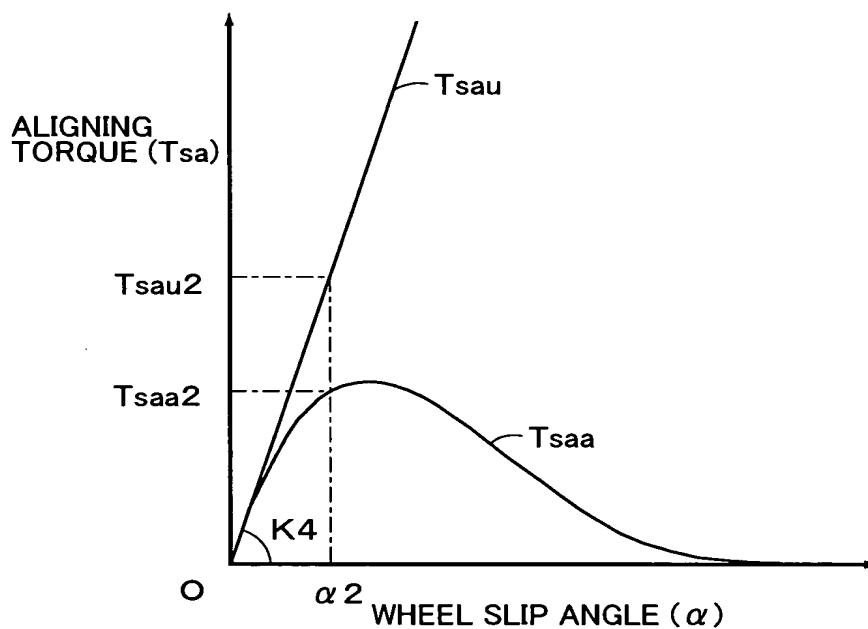


FIG. 22

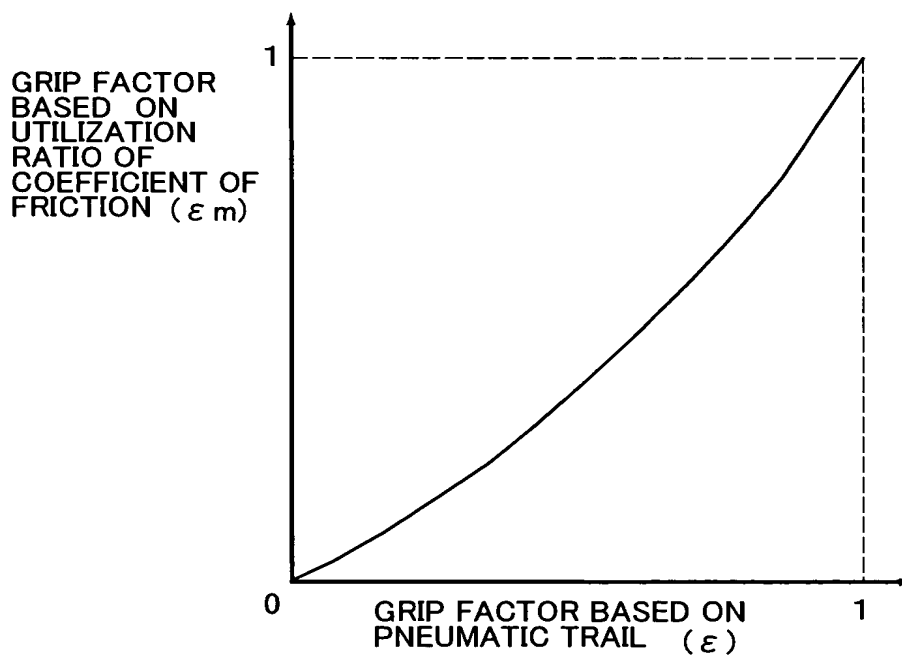


FIG. 23

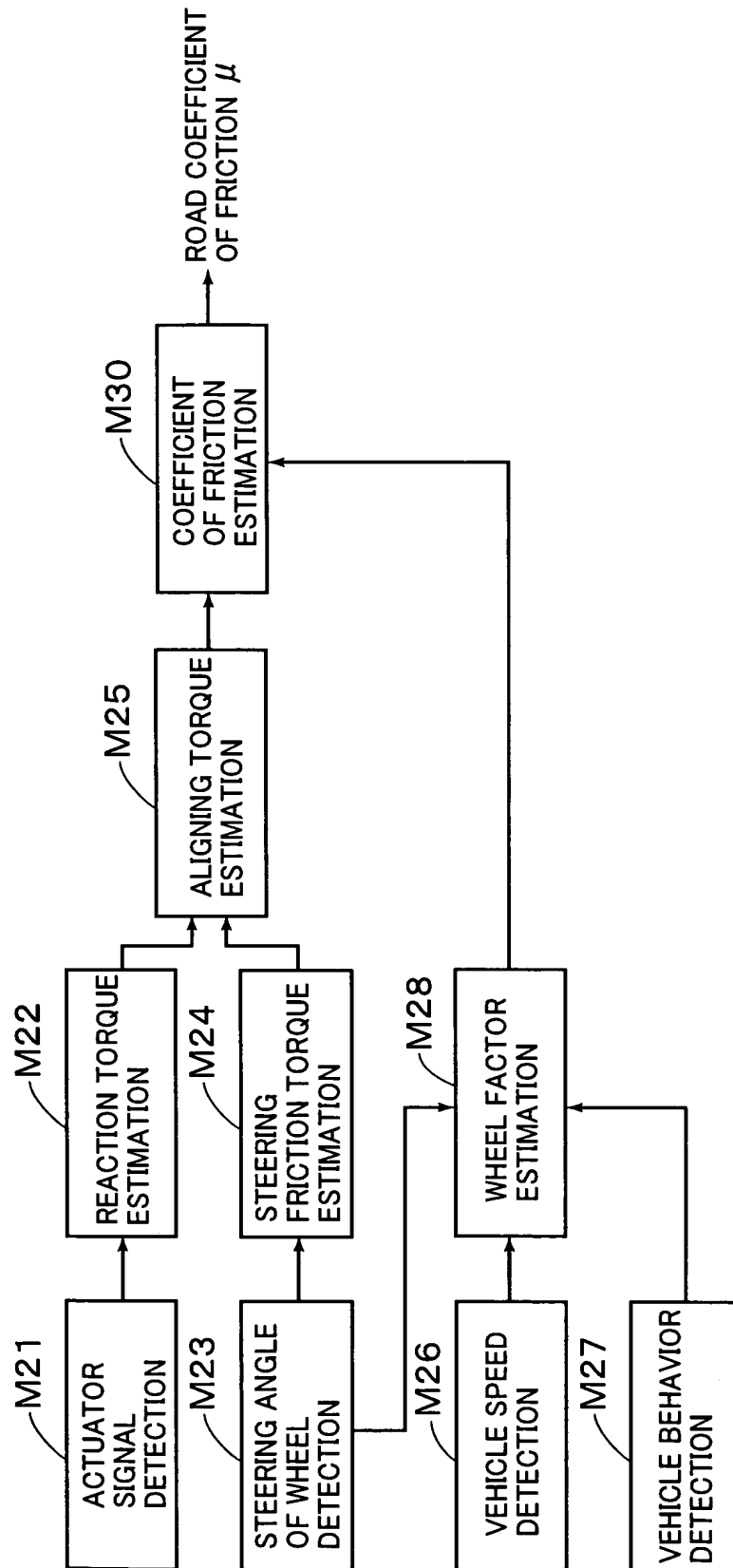


FIG. 24

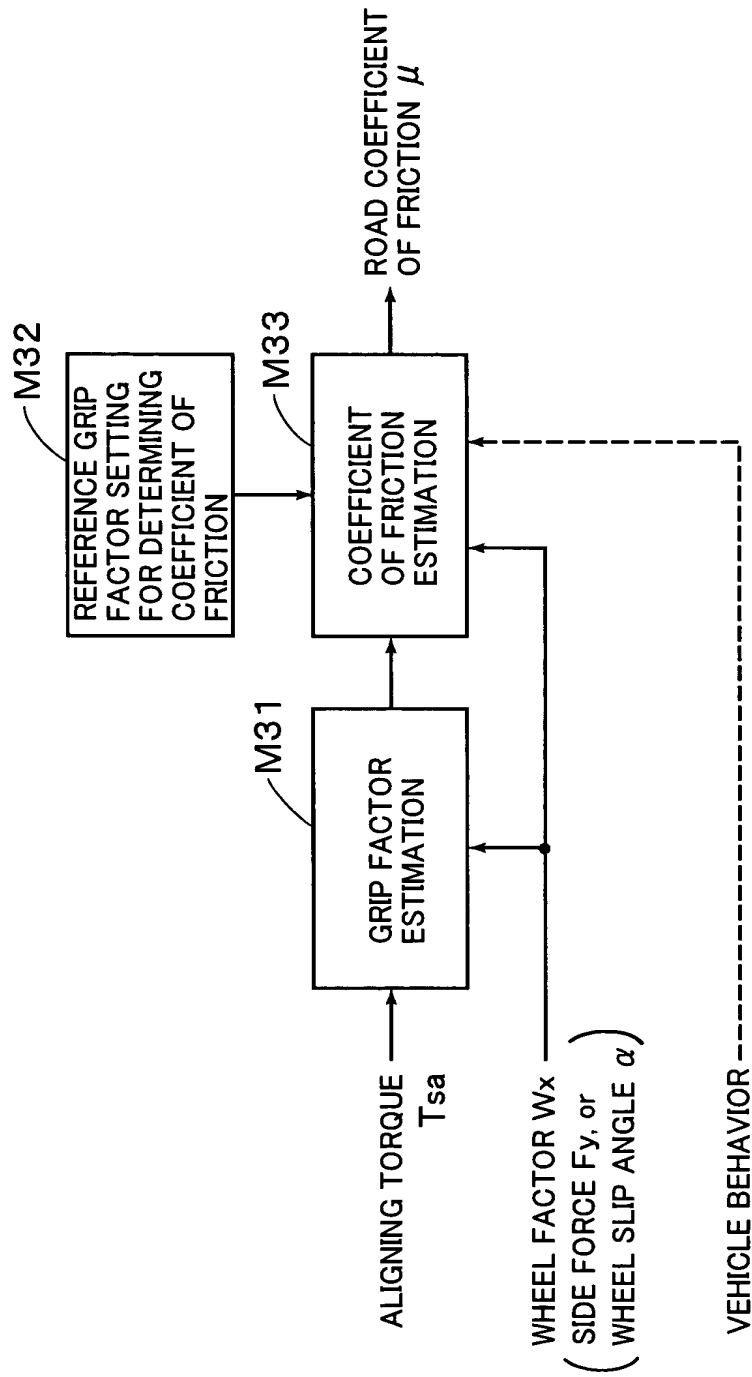




FIG. 25

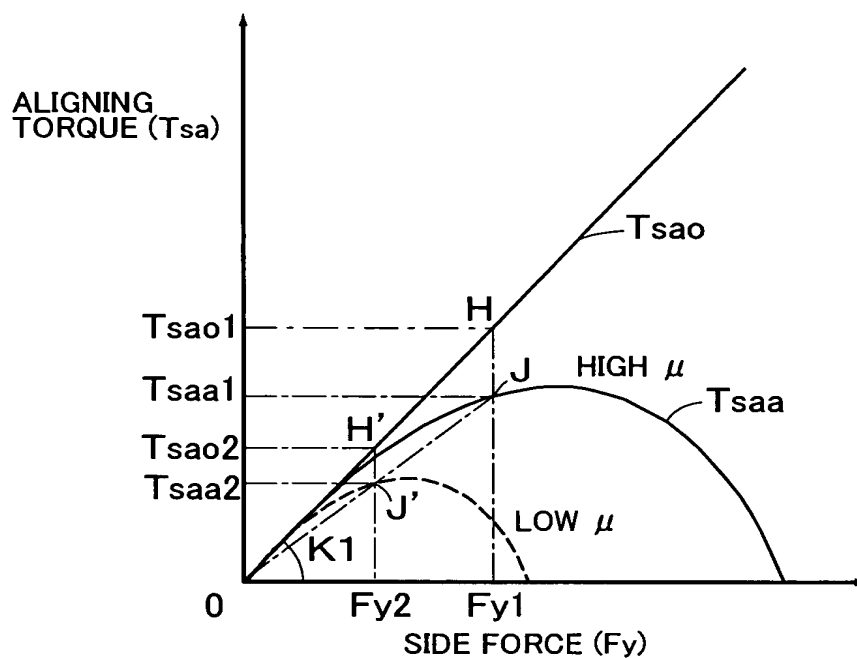


FIG. 26

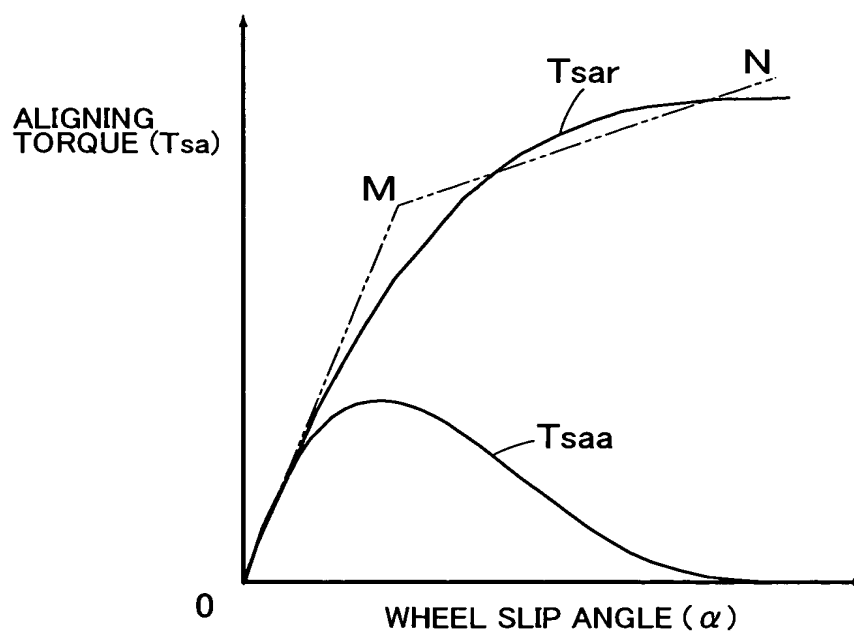


FIG. 27

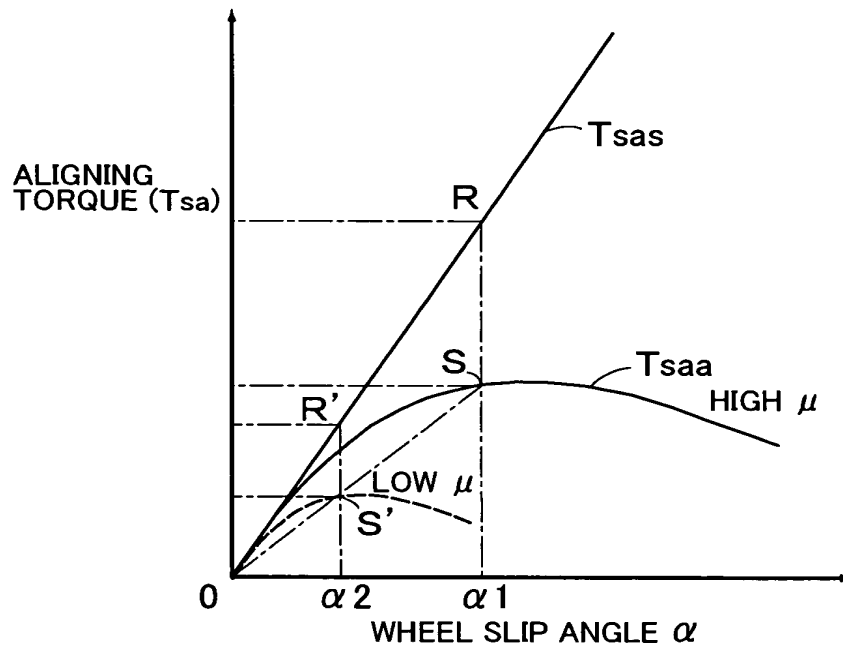


FIG. 28

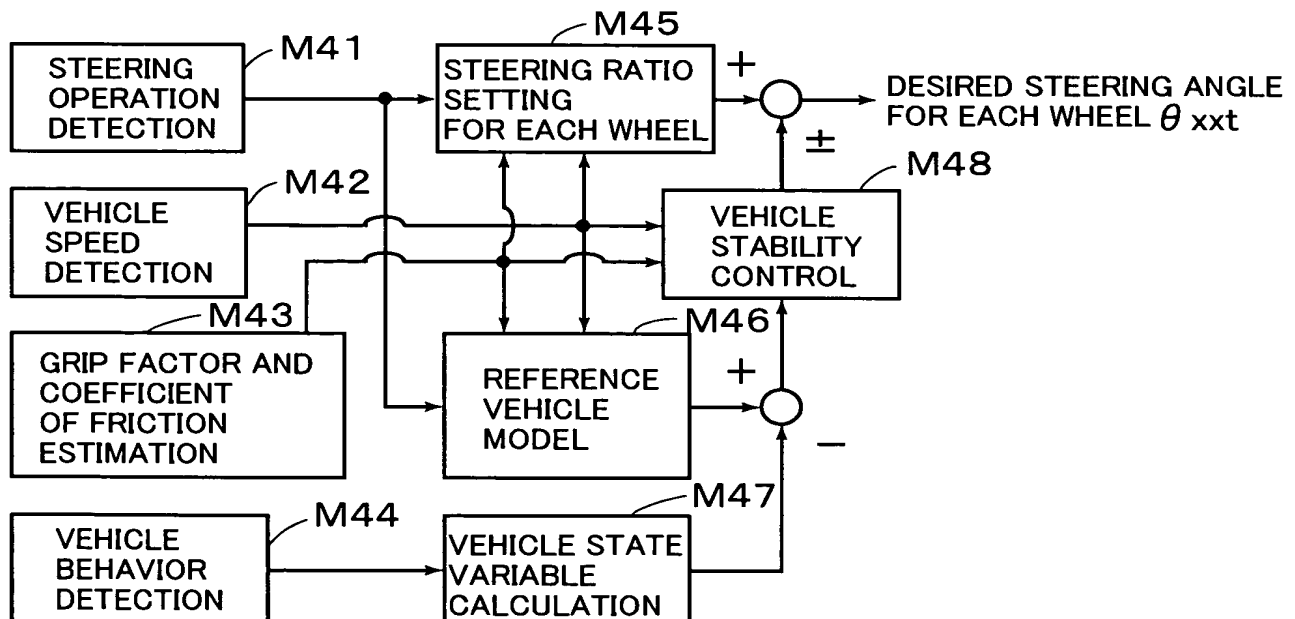


FIG. 29

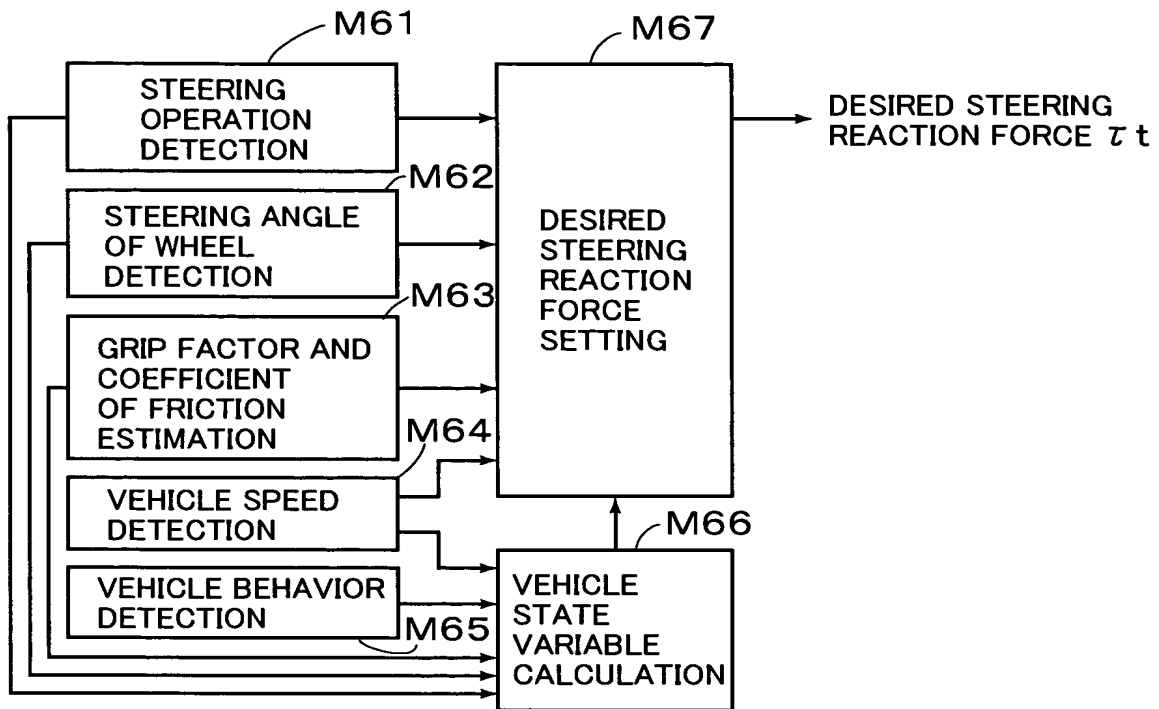


FIG. 30

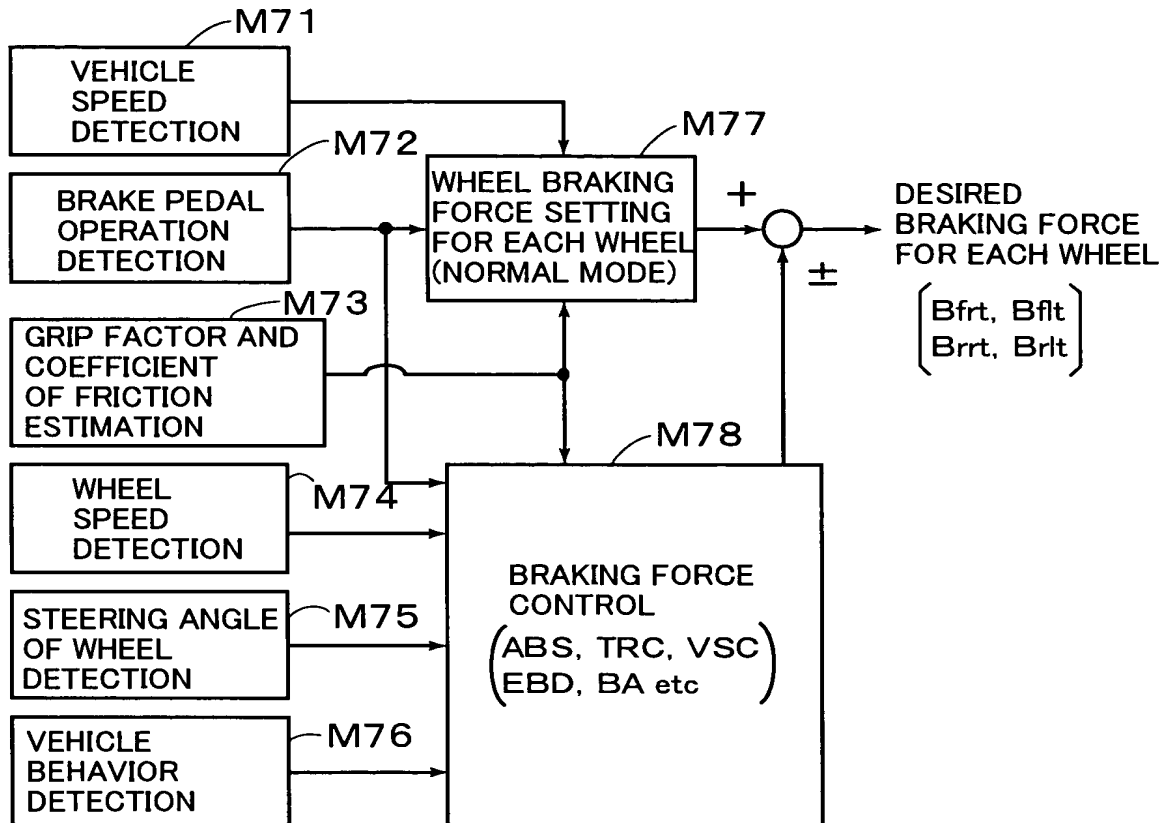


FIG. 31

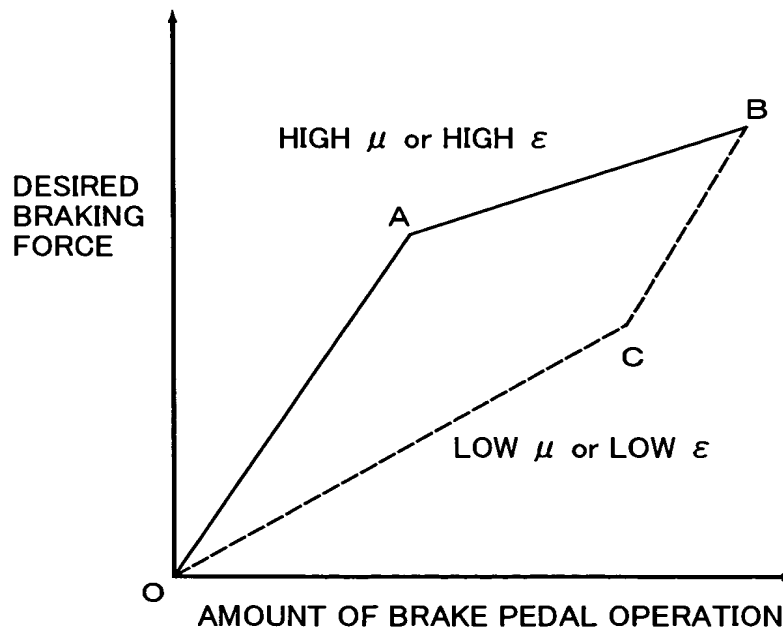


FIG. 32

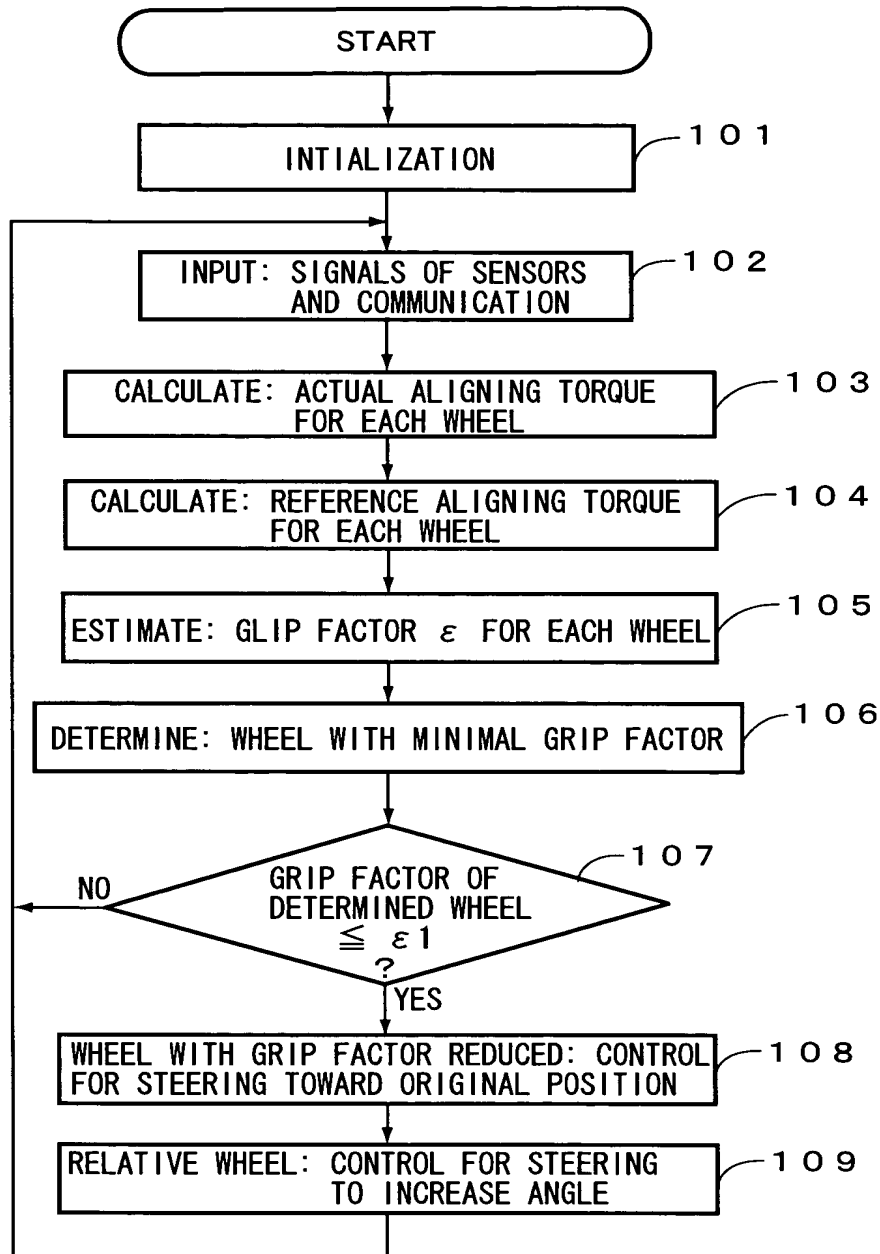


FIG. 33

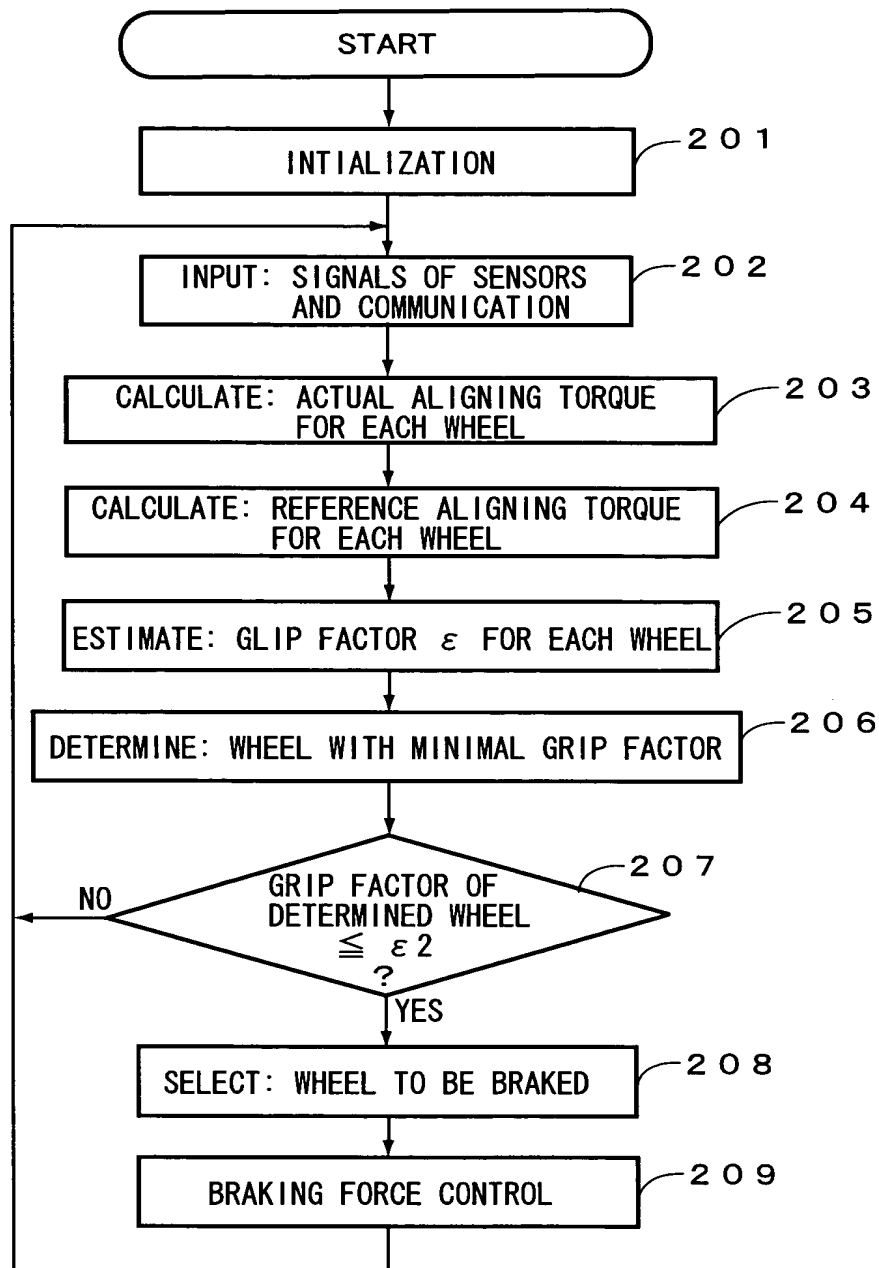


FIG. 34

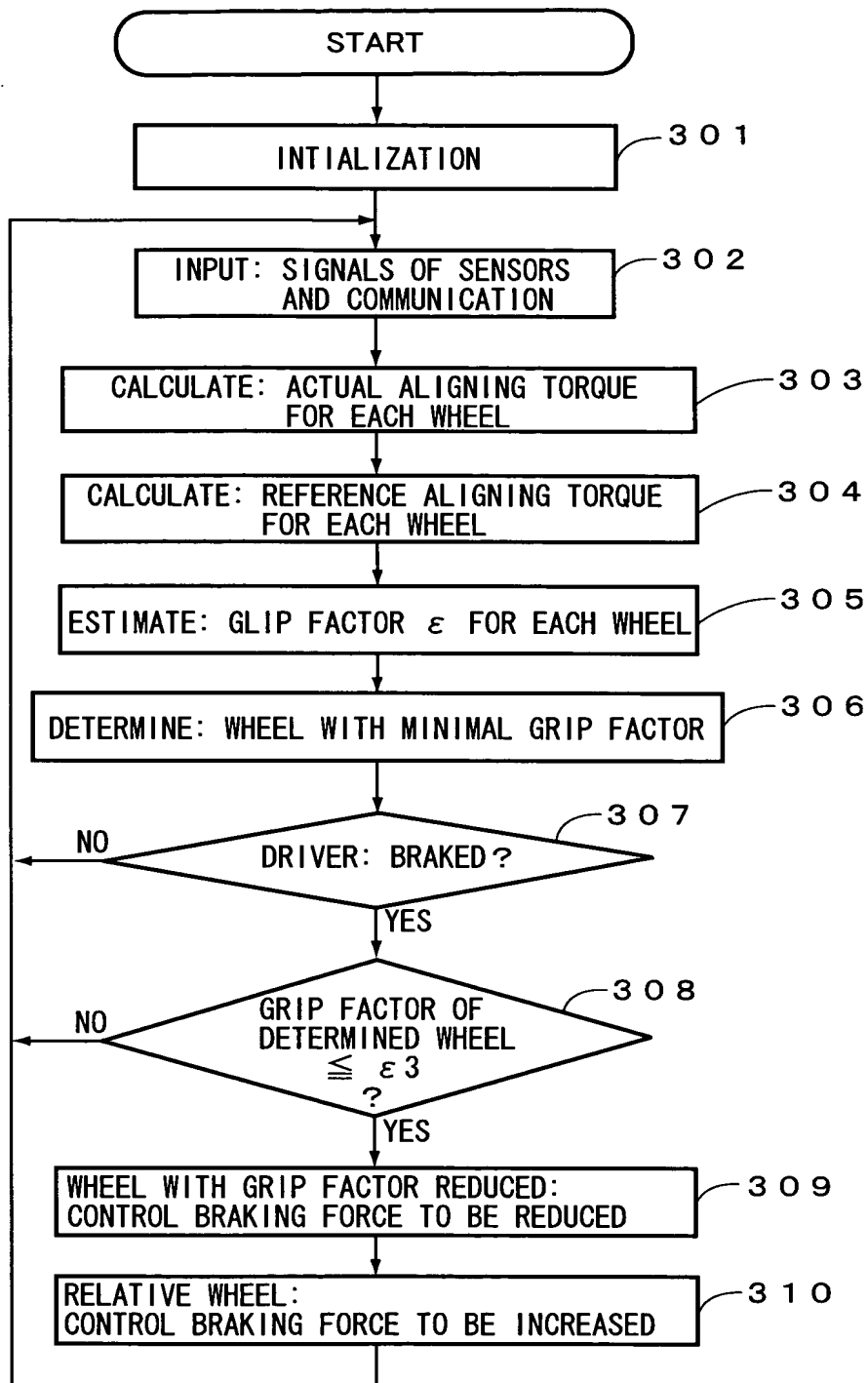


FIG. 35

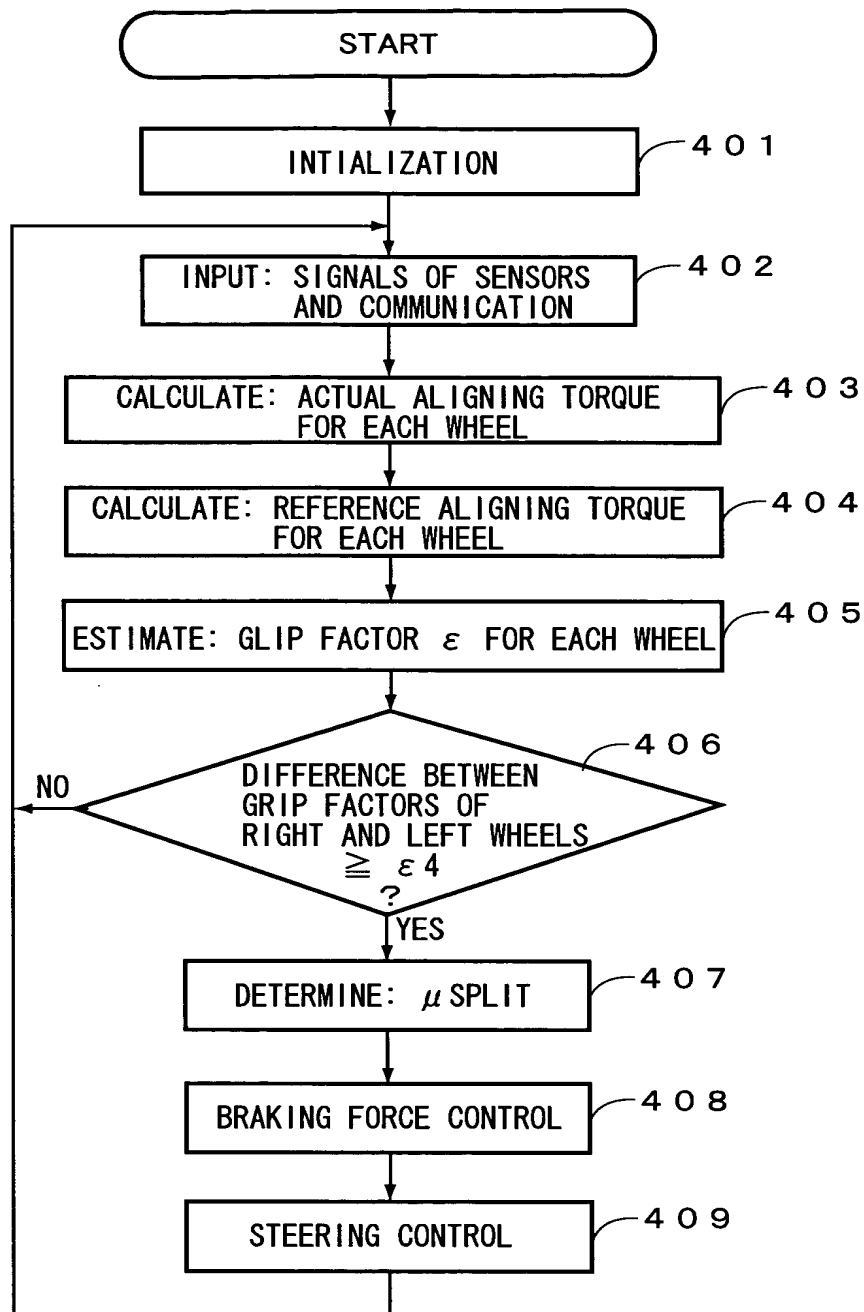




FIG. 36

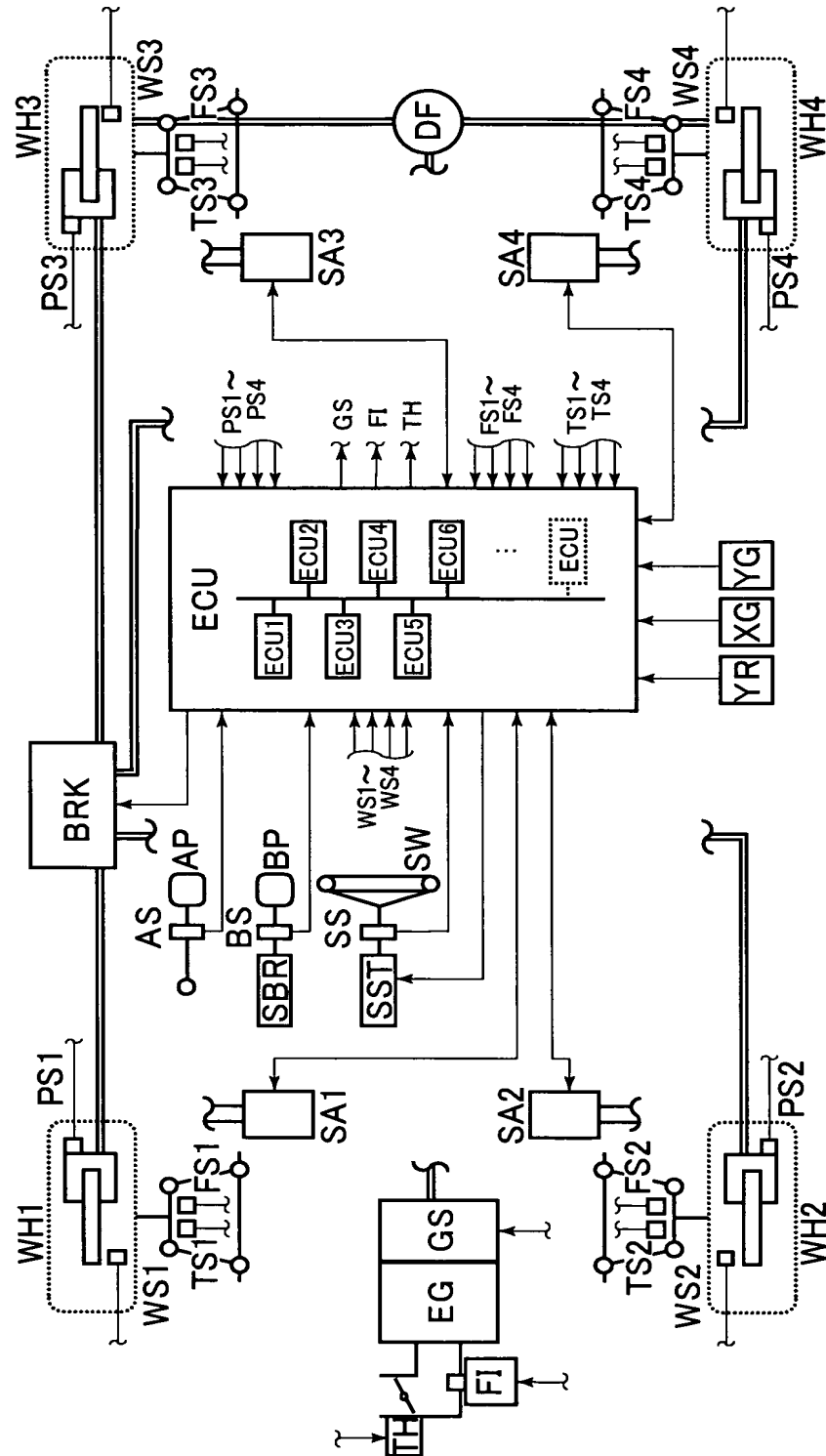


FIG. 37

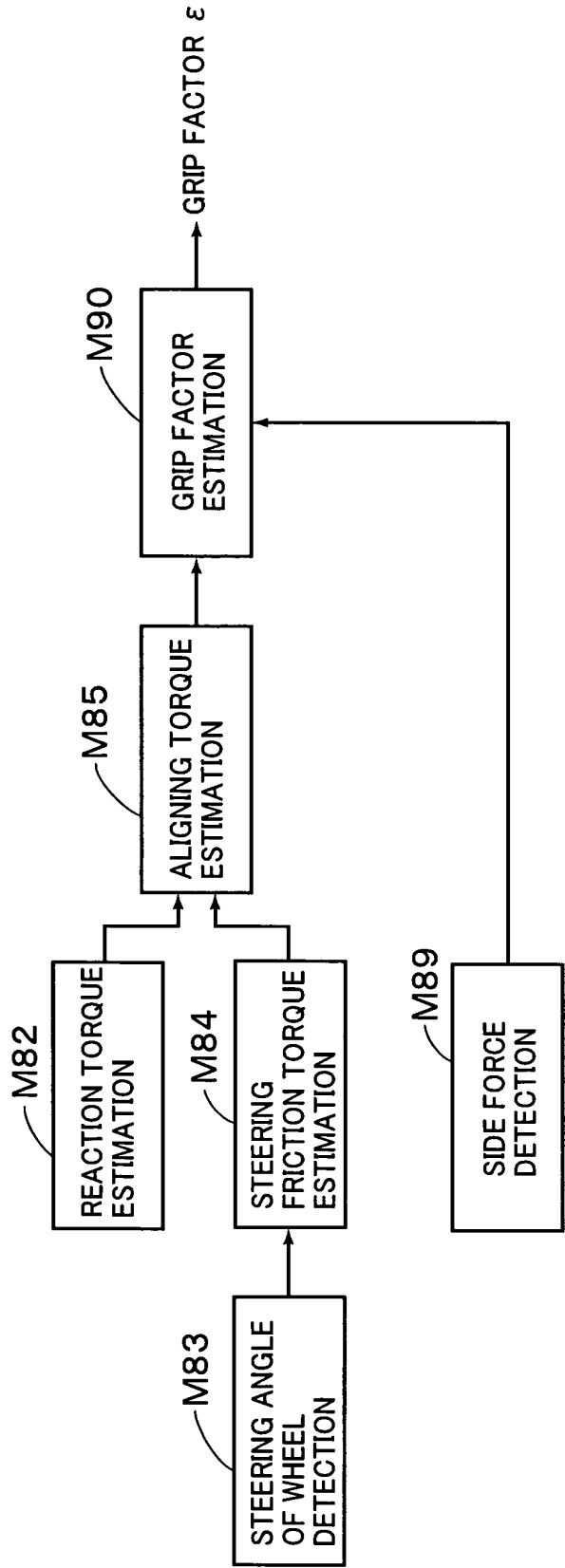


FIG. 38

EMBODIMENT	FACTOR TO BE DETECTED		
	ALIGNING TORQUE	WHEEL FACTOR	
a	ESTIMATED BY OUTPUT OF STEERING ACTUATOR	SIDE FORCE	ESTIMATED BY VEHICLE STATE VARIABLE
b	ESTIMATED BY OUTPUT OF STEERING ACTUATOR	WHEEL SLIP ANGLE	ESTIMATED BY VEHICLE STATE VARIABLE
c	TORQUE SENSOR	SIDE FORCE	SIDE FORCE SENSOR
d	TORQUE SENSOR	WHEEL SLIP ANGLE	SLIP ANGLE SENSOR
e	TORQUE SENSOR	SIDE FORCE	ESTIMATED BY VEHICLE STATE VARIABLE
f	TORQUE SENSOR	WHEEL SLIP ANGLE	ESTIMATED BY VEHICLE STATE VARIABLE
g	ESTIMATED BY OUTPUT OF STEERING ACTUATOR	SIDE FORCE	SIDE FORCE SENSOR
h	ESTIMATED BY OUTPUT OF STEERING ACTUATOR	WHEEL SLIP ANGLE	SLIP ANGLE SENSOR